# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L4 | 22 | ("4424817" \| "4448206" \| "4466446" \| "4572210" \| "4632672" \| "4690154" \| "4732162" \| "4859336"). PN. OR ("5238003"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/28 15:09 |
| L5 | 63 | (606/92,93,94.ccls. or 604/60.ccls.) and @pd>"20080825" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/28 15:21 |
| L6 | 8 | (US-20050261625-$).did. or (US-3724076-$ or US-5513630-$ or US-4632672-$ or US-4655749-$ or US-5238003-$ or US-4873969-$ or US-6019765-$).did. | US-PGPUB; USPAT | OR | OFF | 2009/04/28 15:54 |
| S1 | 2 | "US 20080027440" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/08/25 15:34 |
| S2 | 2 | "US 20070162042" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/08/25 15:37 |
| S3 | 2 | ((THOMAS) near2 (DUNKER)).INV. | US-PGPUB; USPAT | OR | OFF | 2008/08/25 15:45 |
| S4 | 3 | ((DIRK) near2 (HORNSCHEIDT)).INV. | US-PGPUB; USPAT | OR | OFF | 2008/08/25 15:45 |
| S5 | 5 | ((FRANK) near2 (KNIEP)). INV. | US-PGPUB; USPAT | OR | OFF | 2008/08/25 15:45 |
| S6 | 5 | S3 S4 S5 | US-PGPUB; USPAT | OR | OFF | 2008/08/25 15:46 |
| S7 | 2 | US-6395007-$.DID. OR US-6383190-$.DID. | US-PGPUB; USPAT | OR | OFF | 2008/08/25 16:07 |
| S8 | 0 | "2002013553".pn. | US-PGPUB; USPAT | OR | OFF | 2008/08/25 16:10 |
| S9 | 1 | "20020013553".pn. | US-PGPUB; USPAT | OR | OFF | 2008/08/25 16:10 |

| S10 | 575 | 606/92,93,94.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/25 16:13 |
|---|---|---|---|---|---|---|
| S11 | 12 | S10 and (flexible with piston) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/25 16:18 |
| S12 | 13 | S10 and (flexible with rod) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/25 16:23 |
| S13 | 189 | ("20010034526" \| "20010034527" \| "20020010471" \| "20020013600" \| "20020020431" \| "20020022856" \| "20020026195" \| "20020026197" \| "20020068939" \| "20020072768" \| "20020082605" \| "20020099385" \| "20020120240" \| "20020156483" \| "20020161373" \| "20020173796" \| "20020173813" \| "20020188299" \| "20020188300" \| "20030004530" \| "20030032963" \| "20030036763" \| "20030078589" \| "20030125747" \| "20030144670" \| "20030195518" \| "20030195547" \| "20030204189" \| "20030220650" \| "20030233096" \| "20040002713" \| "20040024410" \| "20040052829" \| "20040064058" \| "20040068264" \| "20040068267" \| | US-PGPUB; USPAT | OR | OFF | 2008/08/25 16:27 |

"20040092946" |
"20040102845" |
"20040199170" |
"20050070848" |
"3800788" | "3850176" |
"3875595" | "4204531" |
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"4545374" | "4592749" |
"4595006" | "4603694" |
"4625722" | "4644951" |
"4706670" | "4711238" |
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"0569060" | "6004325" |
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"6039761" | "6048346" |
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"6127597" | "6142997" |
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| | | "6228068" | "6228082" | | | | |
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| | | "6235043" | "6241734" | | | | |
| | | "6248110" | "6280456" | | | | |
| | | "6325812" | "6379364" | | | | |
| | | "6383188" | "6395007" | | | | |
| | | "6423083" | "6440138" | | | | |
| | | "6468279" | "6485456" | | | | |
| | | "6530933" | "6575919" | | | | |
| | | "6575978" | "6582439" | | | | |
| | | "6582446" | "6599291" | | | | |
| | | "6607544" | "6613018" | | | | |
| | | "6613054" | "6623505" | | | | |
| | | "6626905" | "6632197" | | | | |
| | | "6641587" | "6663647" | | | | |
| | | "6676665" | "6679886" | | | | |
| | | "6682535" | "6716216" | | | | |
| | | "6719761" | "6719773" | | | | |
| | | "6726691" | "6730095" | | | | |
| | | "6746451" | "6814734" | | | | |
| | | "6899719" | "6923814" | | | | |
| | | "6979341" | "6981981" | | | | |
| | | "7081122" | "0817973" | | | | |
| | | "D382639").PN. | | | | | |
| S14 | 3 | S10 and luerlock | US-PGPUB; USPAT | OR | OFF | 2008/08/25 16:58 |
| S15 | 98 | luerlock | US-PGPUB; USPAT | OR | OFF | 2008/08/25 16:58 |
| S16 | 1 | 606/92,93,94.ccls. and (ring with suction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/26 09:08 |
| S17 | 10 | 606/92,93,94.ccls. and (ring same suction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/26 09:08 |
| S18 | 11 | ("5800409" | "5824087" | "6241734" | "6248110" | "6575919" | "6579291" | "6592559" | "6716216" | "6740093" | "6805695" | "6899716").PN. OR ("7066942").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:04 |
| S19 | 31 | ("0843587" | "2431985" | "4184490" | "4232670" | "4338925" | "5346495" | "5697932" | "5718707"). PN. OR ("6019765"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:15 |

| S20 | 42 | ("4653487" \| "5219897" \| "5468245").PN. OR ("6048346").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:19 |
| S21 | 18 | ("2687131" \| "4646722" \| "4915694" \| "4969870" \| "5046509" \| "5196003" \| "5197949" \| "5403317" \| "5417654" \| "5489310" \| "5499989" \| "5571204" \| "5693030" \| "5704909" \| "5810785" \| "6019753" \| "6048346").PN. OR ("7244241").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:21 |
| S22 | 279 | 604/60.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/26 10:26 |
| S23 | 43 | ("1608275" \| "2007626" \| "2009393" \| "2170599" \| "2630804" \| "3297031" \| "3401689" \| "3642000" \| "4068660" \| "4432758" \| "4512769" \| "4588395"). PN. OR ("4769011"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:32 |
| S24 | 5 | ("1608275").URPN. | USPAT | OR | OFF | 2008/08/26 10:38 |
| S25 | 7 | ("1608275" \| "3436828" \| "4341211" \| "4900315" \| "6613024").PN. OR ("D515208").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:39 |
| S26 | 1215 | 604/218.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 10:40 |
| S27 | 1301 | 604/218.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/26 10:41 |
| S28 | 23 | 604/218.ccls. and cement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/26 10:41 |

| S29 | 95 | 604/218.ccls. and (flex$4 with piston) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/26 10:42 |
| S30 | 18 | ("3256884" \| "3507281"). PN. OR ("4173227"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 11:01 |
| S31 | 29 | 604/218.ccls. and (flex$4 NEAR1 (piston or rod)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/26 11:17 |
| S32 | 5 | S27 and (ring with suction $4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/26 11:21 |
| S33 | 44 | ("0683075" \| "1325699" \| "1469004" \| "2505028" \| "2754590" \| "3424158" \| "3757781" \| "4060083" \| "4551135" \| "4642094"). PN. OR ("4801263"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 11:26 |
| S34 | 5 | ("0833044" \| "4801263" \| "6325627" \| "6736799"). PN. OR ("7118378"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 11:29 |
| S35 | 44 | ("0683075" \| "1325699" \| "1469004" \| "2505028" \| "2754590" \| "3424158" \| "3757781" \| "4060083" \| "4551135" \| "4642094"). PN. OR ("4801263"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 11:35 |
| S36 | 8 | ("833044").URPN. | USPAT | OR | OFF | 2008/08/26 11:36 |
| S37 | 5890 | luerlock or (luer near1 lock) | US-PGPUB; USPAT | OR | OFF | 2008/08/26 11:54 |
| S38 | 74 | S37 and S27 | US-PGPUB; USPAT | OR | OFF | 2008/08/26 11:54 |

| S39 | 78 | (US-20070162042-$ or US-20020013553-$ or US-20040153090-$ or US-20040260303-$ or US-20060116689-$ or US-20010049531-$ or US-20020049448-$ or US-20020099385-$ or US-20020099384-$ or US-20020120240-$ or US-20020156483-$ or US-20040068264-$ or US-20040092946-$ or US-20040210297-$ or US-20040210231-$ or US-20050038514-$ or US-20050119662-$ or US-20050165494-$ or US-20050228397-$ or US-20050261625-$ or US-20060264964-$ or US-20070027230-$ or US-20070142842-$ or US-20080091199-$ or US-20020151855-$).did. or (US-6395007-$ or US-6383190-$ or US-3805776-$ or US-4277184-$ or US-4338925-$ or US-4551135-$ or US-4625722-$ or US-4655749-$ or US-4815454-$ or US-4873969-$ or US-4969888-$ or US-7270667-$ or US-5324305-$ or US-5462552-$ or US-5468245-$ or US-5514137-$ or US-5843086-$ or US-5972015-$ or US-6010508-$ or US-6017349-$ or US-6019765-$ or US-6048346-$ or US-6241734-$ or US-6248110-$ or US-6348055-$ or US-6367962-$).did. or (US-4329985-$ or US-6506214-$ or US-6506194-$ or US-6641587-$ or US- | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/26 11:54 |

| | | 4966601-$ or US-6730095-$ or US-6733472-$ or US-6875219-$ or US-7066942-$ or US-7294132-$ or US-2009393-$ or US-4769011-$ or US-1608275-$ or US-4068660-$ or US-5397312-$ or US-6436068-$ or US-4173227-$ or US-4798596-$ or US-4801263-$ or US-5257976-$ or US-5259840-$ or US-6086569-$ or US-7118378-$ or US-0833044-$ or US-3724076-$ or US-5800169-$).did. or (US-1469004-$).did. | | | | |
|---|---|---|---|---|---|---|
| S40 | 1885 | "78" and (luerlock or (luer near1 lock)) | US-PGPUB; USPAT | OR | OFF | 2008/08/26 11:54 |
| S41 | 14 | S39 and (luerlock or (luer near1 lock)) | US-PGPUB; USPAT | OR | OFF | 2008/08/26 11:54 |
| S42 | 22 | ("0833044" | "1694524" | "2752920" | "3227161" | "3611573" | "3823715" | "4551135" | "4758158" | "4798596" | "4820278" | "4952209" | "5122057" | "5547379").PN. OR ("5800169").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 13:51 |
| S43 | 33 | ("2265118" | "2505028" | "2903794" | "2991224" | "3191809" | "3345497" | "3346147" | "3731453" | "3760503" | "4232688" | "4260597").PN. OR ("4758158").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 13:56 |

| S44 | 80 | (US-20070162042-$ or US-20020013553-$ or US-20040153090-$ or US-20040260303-$ or US-20060116689-$ or US-20010049531-$ or US-20020049448-$ or US-20020099385-$ or US-20020099384-$ or US-20020120240-$ or US-20020156483-$ or US-20040068264-$ or US-20040092946-$ or US-20040210297-$ or US-20040210231-$ or US-20050038514-$ or US-20050119662-$ or US-20050165494-$ or US-20050228397-$ or US-20050261625-$ or US-20060264964-$ or US-20070027230-$ or US-20070142842-$ or US-20080091199-$ or US-20020151855-$).did. or (US-6395007-$ or US-6383190-$ or US-3805776-$ or US-4277184-$ or US-4338925-$ or US-4551135-$ or US-4625722-$ or US-4655749-$ or US-4815454-$ or US-4873969-$ or US-4969888-$ or US-7270667-$ or US-5324305-$ or US-5462552-$ or US-5468245-$ or US-5514137-$ or US-5843086-$ or US-5972015-$ or US-6010508-$ or US-6017349-$ or US-6019765-$ or US-6048346-$ or US-6241734-$ or US-6248110-$ or US-6348055-$ or US-6367962-$).did. or (US-4329985-$ or US-6506214-$ or US-6506194-$ or US-6641587-$ or US- | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 14:01 |

| | | 4966601-$ or US-6730095-$ or US-6733472-$ or US-6875219-$ or US-7066942-$ or US-7294132-$ or US-2009393-$ or US-4769011-$ or US-1608275-$ or US-4068660-$ or US-5397312-$ or US-6436068-$ or US-4173227-$ or US-4798596-$ or US-4801263-$ or US-5257976-$ or US-5259840-$ or US-6086569-$ or US-7118378-$ or US-0833044-$ or US-3724076-$ or US-5800169-$ or US-4758158-$).did. or (US-2903794-$).did. or (US-1469004-$).did. | | | | |
|---|---|---|---|---|---|---|
| S45 | 35 | S44 and ring | US-PGPUB; USPAT | OR | ON | 2008/09/02 14:01 |
| S46 | 3 | S44 and (ring same suction) | US-PGPUB; USPAT | OR | ON | 2008/09/02 14:02 |
| S47 | 1303 | 604/218.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/09/02 14:44 |
| S48 | 14 | 604/218.ccls. and (plunger near2 vent$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 14:46 |
| S49 | 0 | 604/218.ccls. and (plunger near2 (valve near2 hose)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 14:50 |
| S50 | 0 | 604/218.ccls. and (plunger with (valve near2 hose)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 14:51 |
| S51 | 1 | 604/218.ccls. and (plunger with (hose)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 14:51 |
| S52 | 59 | 604/218.ccls. and (plunger with (valve)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 14:51 |
| S53 | 0 | 604/218.ccls. and (vent$4 with (valve near2 hose)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 15:00 |
| S54 | 13 | 604/218.ccls. and (vent$4 with (valve)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 15:00 |

| S55 | 2 | "4655749".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/09/17 10:32 |
| S56 | 2 | "6783522".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/09/17 10:34 |
| S57 | 3 | "US 7235067" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/09/17 10:35 |
| S58 | 1 | "4632672".pn. | US-PGPUB; USPAT | OR | OFF | 2008/09/17 10:39 |
| S59 | 16 | ("20050101920" \| "4030498" \| "4424817" \| "4466446" \| "4690154" \| "4973308" \| "5238003" \| "5374401" \| "5865803" \| "5045065" \| "5180370" \| "5599312" \| "6086559" \| "6139530" \| "6440101" \| "6572584" \| "6139530"). PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/17 10:51 |
| S60 | 61 | ("4209023" \| "4244366" \| "4370982" \| "4439185" \| "4464171" \| "4526175"). PN. OR ("4655749"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/17 11:02 |
| S61 | 32 | S60 and ring | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/17 11:03 |
| S62 | 32 | S60 and rings | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/17 11:03 |
| S63 | 1 | "5238003".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/17 11:27 |
| S64 | 1 | "4632672".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/17 11:32 |
| S65 | 1 | "5259840".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/17 11:49 |
| S66 | 33 | 604/218.ccls. and (male with (luer or luerlock)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/17 13:25 |
| S67 | 2 | "US 20060241761" | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/09/17 14:33 |

**4/28/2009 3:58:10 PM**
**C:\ Documents and Settings\ jmerene\ My Documents\ EAST\ Workspaces\ 10579877.wsp**